

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending June 2019
Includes CoCoRaHS Data

| RI 1 month June 2019 | Rainfall | Departure | Percent | Normal |
|-----------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 3.94 | -0.64 | 86 | 4.58 |
| Northeast | 4.16 | -0.05 | 99 | 4.21 |
| Central West | 5.63 | 1.49 | 136 | 4.14 |
| Central East | 4.72 | 1.08 | 130 | 3.64 |
| Eastern | 5.34 | 1.46 | 138 | 3.88 |
| Southern | 6.91 | 2.63 | 162 | 4.28 |
| New Shoreham | 5.91 | 1.63 | 138 | 4.28 |

| RI 2 month May-Jun 19 | Rainfall | Departure | Percent | Normal |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 8.28 | -0.22 | 97 | 8.50 |
| Northeast | 8.35 | 0.36 | 104 | 7.99 |
| Central West | 9.70 | 1.81 | 123 | 7.89 |
| Central East | 8.40 | 1.21 | 117 | 7.19 |
| Eastern | 9.00 | 1.48 | 120 | 7.52 |
| Southern | 11.28 | 3.05 | 137 | 8.23 |
| New Shoreham | 11.24 | 3.01 | 137 | 8.23 |

| RI 3 month Apr-Jun 19 | Rainfall | Departure | Percent | Normal |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 16.55 | 3.35 | 125 | 13.20 |
| Northeast | 16.29 | 3.57 | 128 | 12.72 |
| Central West | 17.76 | 5.27 | 142 | 12.49 |
| Central East | 15.80 | 4.25 | 137 | 11.55 |
| Eastern | 14.77 | 2.43 | 120 | 12.34 |
| Southern | 19.06 | 5.79 | 144 | 13.27 |
| New Shoreham | 16.23 | 2.96 | 122 | 13.27 |

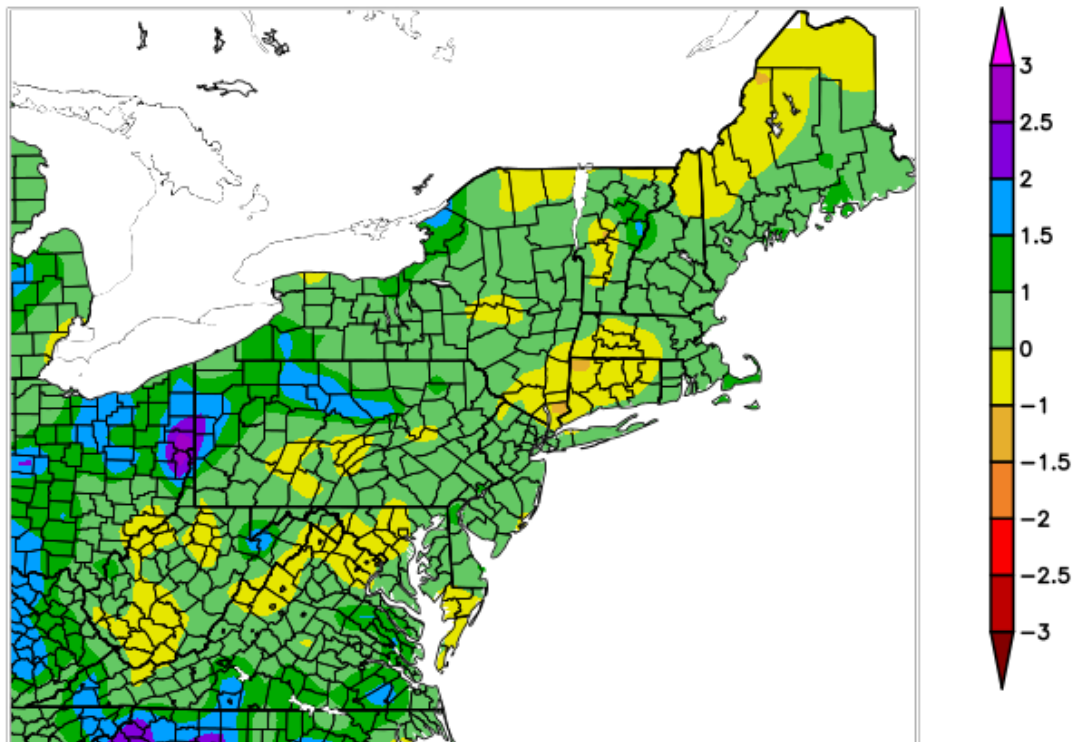
| RI 6 month Jan-Jun 19 | Rainfall | Departure | Percent | Normal |
|------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 30.22 | 3.33 | 112 | 26.89 |
| Northeast | 30.09 | 4.73 | 119 | 25.36 |
| Central West | 32.16 | 6.84 | 127 | 25.32 |
| Central East | 29.52 | 5.81 | 124 | 23.71 |
| Eastern | 28.67 | 3.03 | 112 | 25.64 |
| Southern | 33.69 | 7.08 | 127 | 26.61 |
| New Shoreham | 31.29 | 4.68 | 118 | 26.61 |

| RI 12 month Jul 18-Jun 19 | Rainfall | Departure | Percent | Normal |
|----------------------------------|-----------------|------------------|----------------|---------------|
| Northwest | 70.41 | 16.71 | 131 | 53.70 |
| Northeast | 68.58 | 17.16 | 133 | 51.42 |
| Central West | 72.15 | 21.38 | 142 | 50.77 |
| Central East | 67.49 | 20.31 | 143 | 47.18 |
| Eastern | 58.89 | 10.35 | 121 | 48.54 |
| Southern | 67.57 | 14.70 | 128 | 52.87 |
| New Shoreham | 59.77 | 6.90 | 113 | 52.87 |

| RI 24 month Jul 17-Jun 19 | Rainfall | Departure | Percent | Normal |
|---------------------------|----------|-----------|---------|--------|
| Northwest | 124.03 | 16.63 | 115 | 107.40 |
| Northeast | 117.39 | 14.55 | 114 | 102.84 |
| Central West | 124.08 | 22.54 | 122 | 101.54 |
| Central East | 115.54 | 21.18 | 122 | 94.36 |
| Eastern | 106.21 | 9.13 | 109 | 97.08 |
| Southern | 117.95 | 12.21 | 112 | 105.74 |
| New Shoreham | 108.89 | 3.15 | 103 | 105.74 |

| RI 36 month Jul 16-Jun 19 | Rainfall | Departure | Percent | Normal |
|---------------------------|----------|-----------|---------|--------|
| Northwest | 178.52 | 17.42 | 111 | 161.10 |
| Northeast | 168.17 | 13.91 | 109 | 154.26 |
| Central West | 178.58 | 26.27 | 117 | 152.31 |
| Central East | 166.30 | 24.76 | 117 | 141.54 |
| Eastern | 150.64 | 5.02 | 103 | 145.62 |
| Southern | 169.26 | 10.65 | 107 | 158.61 |
| New Shoreham | 156.03 | -2.58 | 98 | 158.61 |

Monthly SPI 6/1/2019 – 6/30/2019

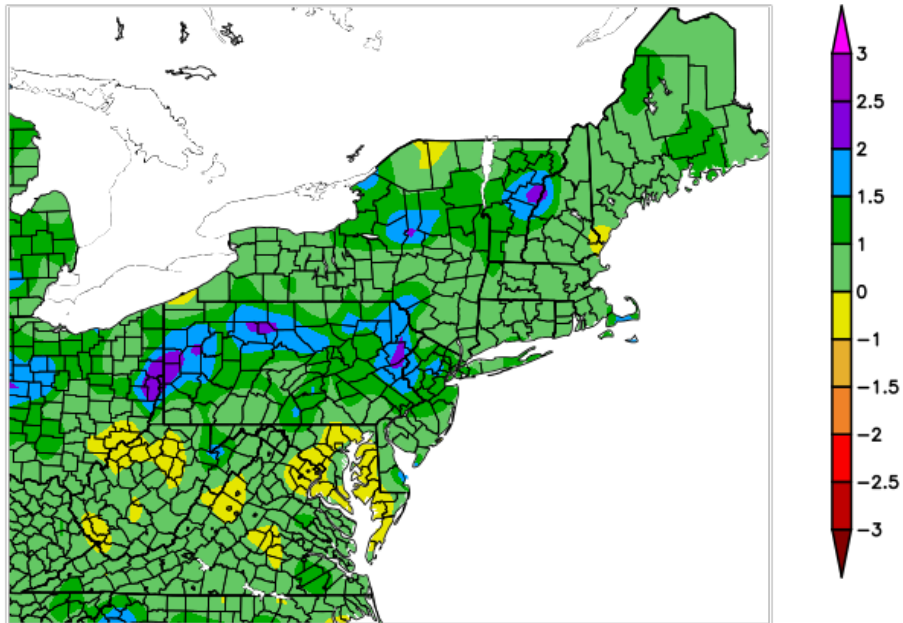


Generated 7/2/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 1. 1 Month SPI for June 2019.

3-Month SPI 4/1/2019 – 6/30/2019

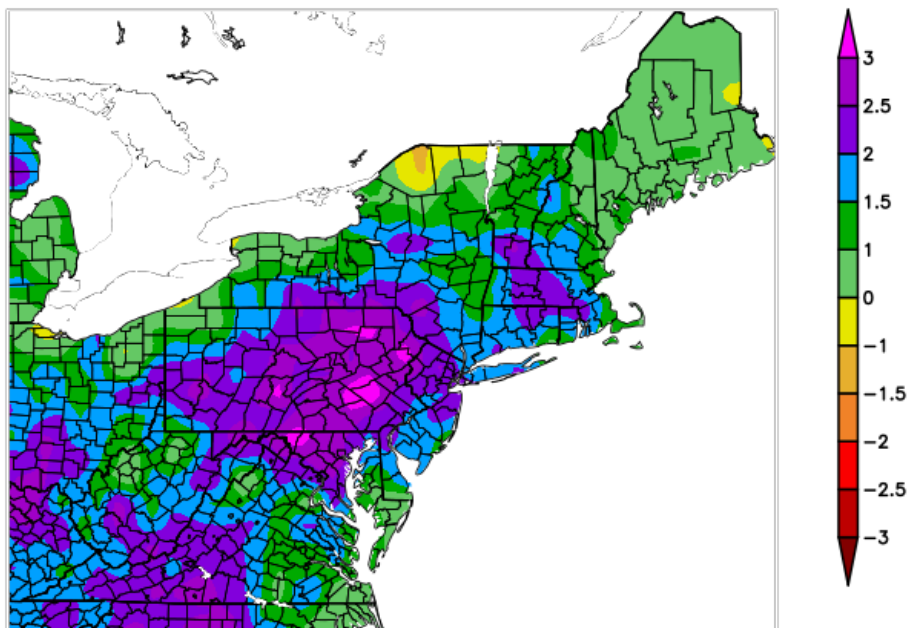


Generated 7/2/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 2. Three-Month SPI ending June 2019.

12-Month SPI 7/1/2018 – 6/30/2019

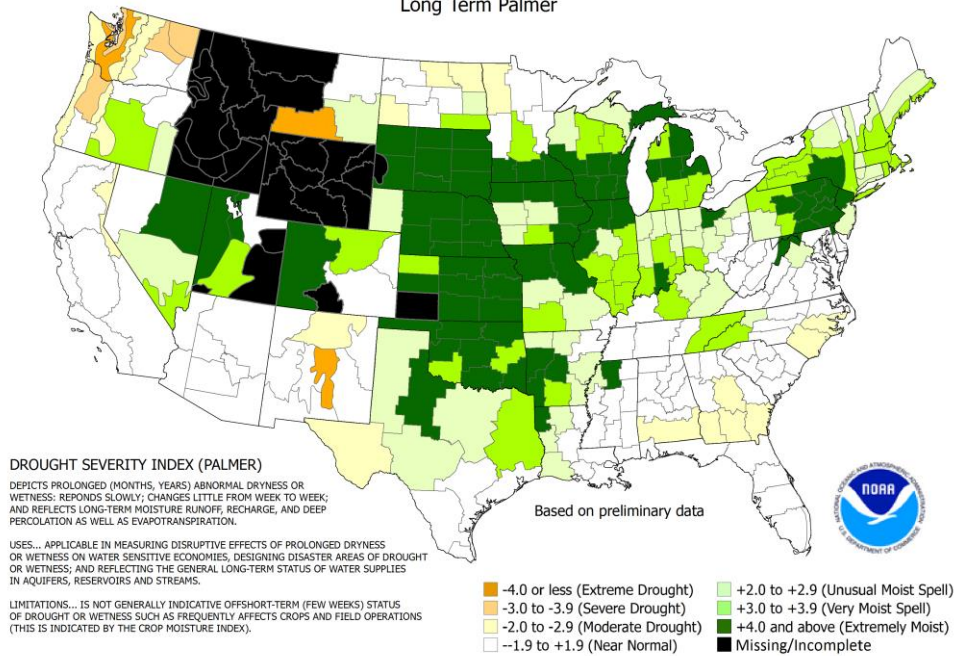


Generated 7/2/2019 at HPRCC using provisional data.

NOAA Regional Climate Centers

Map 3. Twelve month SPI ending June 2019.

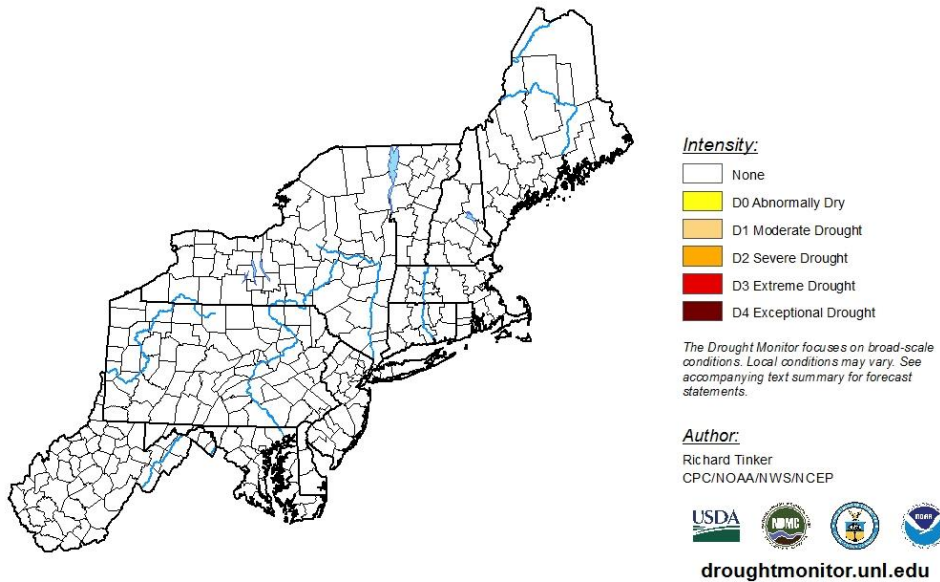
Drought Severity Index by Division
Weekly Value for Period Ending Jun 29, 2019
Long Term Palmer



Map 4. Palmer Drought Index from the Climate Prediction Center, NOAA, dated 6/29/19.
RI Palmer is in the Very Moist Spell range, +3.26.

U.S. Drought Monitor
Northeast

July 2, 2019
(Released Thursday, Jul. 4, 2019)
Valid 8 a.m. EDT









Map 5. US Drought Monitor for the Northeast U.S. valid July 2, 2019.

U.S. Drought Monitor
Rhode Island

July 2, 2019
(Released Thursday, Jul. 4, 2019)
Valid 8 a.m. EDT



Intensity:

-  None
-  D0 Abnormally Dry
-  D1 Moderate Drought
-  D2 Severe Drought
-  D3 Extreme Drought
-  D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

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droughtmonitor.unl.edu

Map 6. US Drought Monitor for Rhode Island, valid July 2, 2019.